Amendments to the Specification

Please amend paragraph 331 on page 88 of the specification as follows:

[331]   The present invention encompasses methods of preventing, treating, diagnosing, or ameliorating a disease or disorder.   In preferred embodiments, the present invention encompasses a method of treating a disease or disorder listed in the "Preferred Indications" column of Table 1D; comprising administering to a patient in which such treatment, prevention, or amelioration is desired a protein, nucleic acid, or antibody of the invention (or fragment or variant thereof) in an amount effective to treat, prevent, diagnose, or ameliorate the disease or disorder.   The first and second seccond columns of Table 1D show the "Gene No." and "cDNA Clone ID No.", respectively, indicating certain nucleic acids and proteins (or antibodies against the same) of the invention (including polynucleotide, polypeptide, and antibody fragments or variants thereof) that may be used in preventing, treating, diagnosing, or ameliorating the disease(s) or disorder(s) indicated in the corresponding row in Column 3 of Table 1D.

Please amend paragraph 398 on page 196 of the specification as follows:

[398]   The present invention encompasses methods of preventing, treating, diagnosing, or ameliorating a disease or disorder.   In preferred embodiments, the present invention encompasses a method of treating a disease or disorder listed in the "Preferred Indications" columns of Table 1D and Table 1E; comprising administering to a patient in which such treatment, prevention, or amelioration is desired a protein, nucleic acid, or antibody of the invention (or fragment or variant thereof) in an amount effective to treat, prevent, diagnose, or ameliorate the disease or disorder.   The first and second seccond columns of Table 1D show the "Gene No." and "cDNA Clone ID No.", respectively, indicating certain nucleic acids and proteins (or antibodies against the same) of the invention (including polynucleotide, polypeptide, and antibody fragments or variants thereof) that may be used in preventing, treating, diagnosing, or ameliorating the disease(s) or disorder(s) indicated in the corresponding row in Column 3 of Table 1D.

Please amend paragraph 469 on pages 323-324 of the specification as follows:

[469]   Table 5 provides a key to the OMIM reference identification numbers disclosed in

Table 1B, column 10. OMIM reference identification numbers (Column 1) were derived from Online Mendelian Inheritance in Man (Online Mendelian Inheritance in Man, OMIM. McKusick-Nathans Institute for Genetic Medicine, Johns Hopkins University (Baltimore, MD) and National Center for Biotechnology Information, National Library of Medicine, (Bethesda, MD) 2000. ~~World Wide Web URL: http://www.ncbi.nlm.nih.gov/omim/~~). Column 2 provides diseases associated with the cytologic band disclosed in Table 1B, column 9, as determined using the Morbid Map database.

Please amend paragraph 535 on page 351of the specification as follows:

[535]   Any polypeptide sequence encoded by, for example, the polynucleotide sequences set forth as SEQ ID NO:X or the complement thereof, (presented, for example, in Tables 1A and 2), the cDNA contained in ATCC Deposit No:Z, or the polynucleotide sequence as defined in column 6 of Table 1C, may be analyzed to determine certain preferred regions of the polypeptide.   For example, the amino acid sequence of a polypeptide encoded by a polynucleotide sequence of SEQ ID NO:X (e.g., the polypeptide of SEQ ID NO:Y and the polypeptide encoded by the portion of SEQ ID NO:X as defined in columnns 8 and 9 of Table 2) or the cDNA   contained in ATCC Deposit No:Z may be analyzed using the default parameters of the DNASTAR computer algorithm (DNASTAR, Inc., 1228 S. Park St., Madison, WI 53715 USA~~; http://www.dnastar.com/~~).

Please amend paragraph 668 on pages 398-399 of the specification as follows:

[668]   The present invention encompasses methods of preventing, treating, diagnosing, or ameliorating a disease or disorder.   In preferred embodiments, the present invention encompasses a method of treating a disease or disorder listed in the "Preferred Indications" column of Table 1D; comprising administering to a patient in which such treatment, prevention, or amelioration is desired a protein, nucleic acid, or antibody of the invention (or fragment or variant thereof) in an amount effective to treat, prevent, diagnose, or ameliorate the disease or disorder.   The first and <u>second</u> ~~seceond~~ columns of Table 1D show the "Gene No." and "cDNA Clone ID No.", respectively, indicating certain nucleic acids and proteins (or antibodies against the same) of the invention (including polynucleotide, polypeptide, and antibody fragments or variants thereof) that may be used in preventing, treating, diagnosing,

or ameliorating the disease(s) or disorder(s) indicated in the corresponding row in Column 3 of Table 1D